



The Ground Plane

SOUTH BAY
AMATEUR RADIO
ASSOCIATION /
ARRL MEMBER CLUB
SINCE 1974



Edition 1 Volume 8

August 8, 2000

President's Message

by rudi wiedemann - kf6rlq

Summer vacation is a great time to get away from the familiar homestead and go somewhere different and entertaining. It's also a great chance to operate from a unique location. With the recent changes in international reciprocal operating privileges, you can now operate in many European and Mediterranean countries WITHOUT the need for a special permit! It used to take months to receive your permit, and the process was often fraught with bureaucratic bungs. In many cases you can now operate up to 90 days for EACH VISIT under the new agreement. In general you are limited to your US privileges and those of the host country, whichever is more restrictive.

You must also bring 3 documents:

- 1) your ORIGINAL license;
- 2) proof of US citizenship (usually your passport);
- 3) a copy of the FCC OC 29, 1999 Public Notice on operating abroad (2 pages, available for download in pdf from the ARRL at: <http://www.arrl.org/field/regulations/io/>). CEPT Class 1 is equivalent to US General class and above. CEPT Class 2 is equivalent to US Technician class only.

Remember to use the proper call sign syntax, often the country prefix, followed by a '/' (pronounced 'stroke'), and then your US call sign. Be sure to check the local frequency privileges and repeater data, as they are often very different from the US. The ARRL website has localized data for each participating country. If you want to operate in Central or South American, or in non-CEPT countries, you must still file for a permit and abide by those rules.

So go yee boldly forth and propagate them radio waves from exotic spots!

I'll let you know how operating in Israel was next month.

Rudi - KF6RLQ

**August Program
SBARA Meeting
Begins at 7:30.
See You There!!!**

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Central Park 4th of July Patrol by Wayl and Luie

Central Park Fourth of July Patrol

Once again, the Fremont Police Department requested the assistance of amateur radio operators in patrolling Central Park for Fourth of July festivities. This year, 16 operators volunteered their time and equipment to provide public service and augment the Police and Park Ranger staff. No incidents were reported this year and only two lost children searches were performed.

Thanks to Steve Bassett (KQ6VH), Joy Barnitz (KG6ACN), Paul Carlin (KE6NVU), Randy Foutch (KE6HCI), Mike Fung (WA6AWI), Syd Furman (W6QWK), Robin Kinney (KG6DI), Adam Lau (KF6UQS), Nathan Lau (KF6UQR), Wayland Louie (KB6UOK), Antoinette Marchand (KA3RDV), Theresa Mulrooney (KB6UCZ), David Port, Jr (KG6AGZ), Wayne Springsteen (WU6A), Doug Stinson (KG6ADR) and Ron Susztar (N7TVE) for contributing their time and energy for a total of 82.5 man-hours.

**Look for SBARA on the World
Wide Web at:
<http://www.qsl.net/sbara>**

Upcoming SBARA Events - AUGUST WORKSHOP

Here is your chance to build your own 2 meter/70cm dual band antenna without breaking the bank!

SBARA's August workshop will be centered around constructing a dual band J-pole antenna that is an excellent performer. Each participant will leave the workshop with a completed antenna that can be installed for permanent use or, with an additional mast, can be taken into the field and quickly set up in emergency situations.

All materials and necessary tools will be provided by SBARA. All you need is to sign up and pay your \$10.00 to cover the materials. Registration is on a 'first come - first serve' basis and space is limited so be sure not to wait before registering.

To Register, send you \$10.00 check, payable to Doug Campbell, to:

Al Rendon - WT6K
201 Brunswick Place
Fremont, CA 94539

Please remember to include your name, call sign (if applicable), evening telephone number and most important, your e-mail address for confirmation of registration.

September Workshop

"Get Your APRS Tracker Box On-The-Air", Saturday, September 23rd, from 1pm-4pm at the Fremont Community Center at 40204 Paseo Padre Pkwy. You will be encouraged to collect and prepare all the necessary pieces to be plugged and programmed together at this workshop. You'll be up and running and even know a bit on how to run this stuff! Contact Al Rendon (WT6K) on recommended preparations and reservations at 510-656-2427 or wt6k@arrrl.net Minimum signup level is 6 people to make this workshop happen.

SBARA General Meeting Minutes

by Elise Ciraolo KF6TQB

July 19, 2000

The meeting was called to order at 7:30 p.m. by President Rudi Wiedemann KF6RLQ. Also attending were Vice President Alan Kittrell KE6YKK, Secretary Elise Ciraolo KF6TQB, Treasurer Ted Cameron N6BFO, Program Facilitator Al Rendon WT6K, Newsletter Editor Bill Artelt WB9YVM and 22 members and guests.

UPGRADES: James Lee N1DDK upgraded to Extra - congratulations!

FIELD DAY: Alan Kittrell KE6YKK reported that SBARA earned 3300 points plus 1204 bonus for a total of 4504. Our best year yet! Most importantly everyone had a good time.

WORKSHOPS: Reported by Al Rendon WT6K

August 5 – QRP day and picnic at Coyote Hills. Try out your different portable equipment.

August 26 – assemble a 2 meter J-Pole. Contact is Doug Campbell WB6GBE

September 23 – Assemble/troubleshoot your tracker box. Contact is Jim Wood KE6IVA

PROGRAMS: Reported by Al Rendon WT6K

August general meeting: T-Hunting with Rich Harrington KN6FW

September General Meeting: PSK-31 by David Lathrop KO6AW

ORGANIZATION REPORTS:

SBARA Cube Sat.: Bill Rauch AA6PA reported on the Cube Sat. project. Bill, Alan Kittrell KE6YKKI, Lloyd Hartshorn N6DOK, and Al Rendon WT6K are working with local students in association with the Stanford group on cube sat. and can sat. They wrote a paper on the project which Bill will deliver in San Diego on August 4th at the National Conference of Society of Photo-optical Engineers.

Zucchini Festival: Mike Fung WA6AWI has requested radio operators for the festival taking place on August 19th & 20th. Refer to the minutes of the June meeting for details.

Pacificon: Syd Furman has tickets for this year's event. He is coordinating the swap meet and SBARA will again run the snack bar. This will be Syd's last year running the swap meet and probably our last year to have the snack bar.

Earv Horton WA6RBT generously donated an April 1924 issue of Radio Broadcasting and the 1999 editions of QST for the drawing.

SBARA Leadership 2000 Officers

President

Rudi Wiedemann – KF6RLQ

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(H) 510-792-2252

(C) 408-504-8266

Vice President

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(H) 510-796-3916

Newsletter Editor

Bill Artelt – WB9YVM

wizard@home.com

(H) 510-794-4669

Al Rendon WT6K introduced the items on the Tinkers 'n' Traders Table.

Certificates of Appreciation for participation were presented to Harry Lau KF6QAK for organizing the Field Day

SBARA Board Meets on The Second Tuesday Of The Month. Please Plan on Attending. The Meeting Starts at 7:30PM In The Evening.

see rudi - KF6RLQ for Complete details.

Ham Radio Training

Emergency Communications Training Offered

The CERT Communication Team is offering a series of classes aimed at CERT members with an interest in emergency communications. These classes may also be of interest to SBARA members with similar interests. Anyone interested in Emergency Communications is welcome to attend, however, if a class becomes over-subscribed, preference will be given CERT members with a ham ticket.

Introduction to Ham Radio

This is for anyone interested in the basics of radio communication. This course is also good if you have just gotten your radio license. It covers basic radio operations, radio protocols, and a basic radio operations exercise. Learn how and what to communicate in a drill! Held on August 24th from 7:00 p.m. to 9:30 p.m. Location is FFD Administration Offices at 39100 Liberty Street, Fremont, California.

Communication, Command, and Control

This is a two session class that outlines the process of information flow starting from the CERT field team, to the City, up to the County, and then on to the State. The County requirements and forms are introduced, CERT forms are reviewed, and the bridging of information on these forms is addressed. A hands-on simulation of using this process completes the class. Part one is held on August 31st from 7:00 p.m. to 9:30 p.m. and Part two is held on September 5th from 7:00 p.m. to 9:30 p.m. The location for both sessions is FFD Administration Offices at 39100 Liberty Street, Fremont, California.

Basic Antennas

Learn the characteristics of some different types of antennas, types of connectors, operational safety issues, basic terms, and the review of some easy to build emergency antennas. Held on September 23rd from 9:00 a.m. to noon. Location is to be announced.

Introduction to Packet Radio

This is for anyone interested in exploring the basics of what packet radio is, its use/benefits in communication activities, how to set up and use a packet station, and a live operational demonstration. Held on October 5th 7:00 p.m. to 9:30 p.m. Location is FFD Administration Offices at 39100 Liberty Street, Fremont, California.

To Register

Please contact Nancy Peterson (KF6HOI) at nfpeterson@bemis.com and provide your name, address, and phone number. All classes are free of charge. (If you don't have access to e-mail, give Doug Stinson (KG6ADR)

Club Officer Reports

The new SBARA shirts were shown off by some of the board members. They are available from the Keepsake Factory at NewPark Mall. The shop is on the second level near Mervyns. They cost \$28 for S, M, L, XL and \$30 for XXL, plus tax. It will probably take about a



New SBARA polo shirts.



you have ordered it.

week to receive the shirt once

Name Badges by Jim - KE6IVA

Any SBARA member who would like to obtain a Name Badge can do so by contacting Jim Wood.

The Badges are \$8.00 each and include both a pin and a clip for attaching to a shirt, blouse or jacket.

Jim Wood
KE6IVA
510-657-6234
jjimjoann@pacbell.net

Treasurer's Report by Ted - N6BFO

Total cash assets 6/30/2000	\$2988.40
Income since then:	\$ 26.96
Expenses	<u>\$ 252.39</u>
Current balance	\$2762.97

Fremont Communications Volunteer - Meeting Minutes

by Wayl and Louie - KB6UOK

I. The meeting began at 1939 hours at the Fremont Police Department Building. Present were David Ward (VE7DWJ), Mike Fung (WA6AWI), Steve Bassett (KQ6VH) and Wayland Louie (KB6UOK).

II. Program: The night's program was a review of the alerting procedure in case of callout by the Police Department. A discussion was held covering the Dispatcher call to key hams, activation of the pager network, and then use of the Telephone Tree.

III. Agency Reports:

- 1) Alameda County District – The next County Emergency Coordinator meeting is tentatively scheduled for September. More information to follow.
- 2) CERT Communication Teams – Mike Fung reported that Standard Operating Procedures were being developed by the group. Also, a Net will be conducted immediately following the Tri-Cities Net on Tuesday nights, to provide more training opportunities for the radio teams.
- 3) Fire Dept. – No report was given.
- 4) Hospitals – Wayne Springsteen (WU6A) checked into the Hospital Net from Washington Hospital with Rich Phillips (KF6VCN) and John Eleazarraz (KF6WAD). Carol Waksdal (K X6XXX) checked in from Kaiser Fremont. This Net was the first test of the revised Hospital Net, which utilizes checkins to the Operational Areas and that information being passed on to Region II of the Office of Emergency Services in Oakland.
- 5) Police Department – Wayland Louie provided a brief update. Sgt. Mazzone is scheduled to move into Lt. Clark's old office and be Lt. Eads' liaison to the Communication Volunteers.
- 6) Red Cross – No report was given.
- 7) Schools – No report was given.

IV. Old Business:

- 1) Volunteer Time Reporting – The Disaster Service Worker registration submission deadline has passed. If you did not submit a form, contact Janet Valdes at 790-6691 for another copy. A reminder that the 7th of each month is the deadline for prior month volunteer hours was made. To submit hours, you may call Janet or e-mail her (JValdes@ci.fremont.ca.us), or submit a timesheet if you have one. Hours submitted after the 7th will not be accepted.
- 2) Net Control Duties -- Fremont is responsible for August 2000 Net duties. If you would like to operate the station at the Fremont Police Department on a Tuesday night, contact Wayland Louie or Jim Wood.
- 3) July 4 Celebration -- This year, 16 people turned out for the volunteer effort in Central Park. Thanks to Steve Bassett, Joy Barnitz (KG6ACN), Paul Carlin (KE6NVU), Randy Foutch (KE6HCI), Mike Fung, Syd Furman (W6QWK), Robin Kinney (KG6DI), Adam Lau (KF6UQS), Nathan Lau (KF6UQR), Wayland Louie, Antoinette Marchand (KA3RDV), Theresa Mulrooney (KB6UCZ), David Port, Jr (KG6AGZ), Wayne Springsteen, Doug Stinson (KG6ADR) and Ron Susztar (N7TVE) for contributing their time and energy for 82.5 man-hours. The Police Department and Park Rangers thanked everyone for their work.

V. New Business:

- 1) Zucchini Festival – Mike Fung announced dates for the annual event held in Hayward as August 19 and 20, 2000. This is a chance to raise funds for your local group, using your radio training to operate business band radios. Contact Mike to volunteer or get more information.
- 2) Pacificon 2000 – This year Pacificon will be held on the weekend of October 20-22, 2000. Once again, it will be held at the Concord Airport Sheraton Hotel. Tickets are \$5 in advance and can be obtained from Syd Furman.
- 3) East Bay Section Bank Account – The non-profit group bank account has been established to receive donations and is being administered by Robin Kinney.

VI. Events:

- 1) SBARA Meeting – August 16, 2000 at the Central Park Community Center.
- 2) Communication Volunteer meeting – August 23, 2000.

VII. Adjournment: The meeting adjourned at 2123 hours. The next meeting is scheduled for 7:30 p.m. on August 23, 2000 at a place to be determined. For more details on any of the items mentioned above, as well as the May

Newark Communications Volunteer - Meeting Minutes

by Robin Kinney - kg6di

Meeting Minutes from the 7/12/2000 Meeting.

- We had three guests at the July meeting: Gary Mayes, KE6RQF, John Kovacs, KC6UGC, and Dan Mayberry, KF6JZC. Paul Lewis and I used the meeting to discuss our organization with our guests.
- Paul and I were the only members present so no business was discussed.
- The Zucchini Festival is August 19th and 20th. Both morning and afternoon shifts on both days are still available. Contact either Mike Fung directly or me at 796-6854 to sign up. Remember that this is not a Newark Communications Volunteers training event so you will be volunteering for the city of Hayward.

Late Breaking News

- Sgt. Lewis has confirmed that September 10th is ok for use of the dog club for the Barbeque.

Agenda for the August 9th Meeting

- We will meet at 7:00 p.m. in the basement of City Hall.
- We will complete the planning for the September 10th Barbeque. We need to get the invitations out very soon. Here is the list of invitees we had several months ago: Chief Robertson, Lt. Weinstein, Sgt. Lewis, Asst. Chief Preston, Captain Bob Bodnar, Janet Drews, Bernie, Ron Kane, Paul Carlin, Archie, and Phil Holland and their families, of course. For planning purposes, we have a total of 16 members on file. This will be our last opportunity to complete the planning.

July Meeting Photos

by Elise Ciraiolo - KF6TOB



Upcoming SBARA Workshops

AUGUST WORKSHOP

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Al Rendon - WT6K
201 Brunswick Place
Fremont, CA 94539

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SBARA 2000 Meeting Program and Workshop Schedule

Month	Meeting Program	Workshop
August		Construct a 2 meter/70cm dual band J-pole antenna without breaking the bank!.
September		"Get Your APRS Tracker Box On-The-Air", Saturday, September 23rd.
October		None currently scheduled.
November		None currently scheduled.
December	NO MEETING IN DECEMBER	CHRISTMAS

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- 100W output for all bands
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- Large, multi-function LCD with band scope

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- Cool dual display
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World's First 4-band HT

- 50, 144, 440 MHz & 1.2 GHz bands
- 5 W at 13.5V DC
- Ni-MH battery standard
- AM, FM, WFM
- "Joy-stick", multi-function switch
- CTCSS encode/decode
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FULL COLOR LCD DISPLAY

IC-2800H Dual Band Mobile

Mounting Kit Included

- 2M-440MHz
- 9600 baud ready
- Band scope
- CTCSS encode/decode
- Selectable squelch attenuator
- 232 alphanumeric memories
- 3" TFT LCD disp
- NTSC video input

IC-Q7A Dual Band Transceiver

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Shirt-Pocket Size Offers Fun on the Run!

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IC-T7H 6W, Dual Band Transceiver

Dual Bands at a Single Band Price!

- Easy operation!
- 2 M/440 MHz
- 9 DTMF memories
- 70 memories
- Great audio
- CTCSS encode/decode
- Auto repeater

IC-207H Dual Band Mobile

\$40 COUPON

- 2M/440 MHz
- Wide band rx (includes airband)
- 9600 BPS packet ready
- 45W VHF (2M), 35W UHF (440 MHz)
- CTCSS encode/decode
- 4 power settings per band

IC-R75 HF/50 MHz Base Receiver

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IC-R2 AM, FM, WFM Receiver

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- Excellent audio
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- Small - compact design
- Ni-Cd batteries
- PC programmable

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- All Mode: FM, WFM, AM, USB, LSB, CW
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- Multiple scan modes
- 1000 memory channels

MAIL-IN FREE PC SOFTWARE OFFER

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IC-T8A 5 W Tri-Band Transceiver

FREE Alkaline Battery Case!

- 6M/2M/440MHz
- Easy intuitive operation
- 123 memories
- 5W @ 13.5 V

IC-W32A Dual Band Transceiver

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- 5W @ 13.5 V
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- CTCSS encode/decode w/tone scan
- Dual band with V/V, U/U
- Optional PC programmable



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South Bay Amateur Radio Association - SBARA

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